

(FILE 'HOME' ENTERED AT 12:17:43 ON 04 MAY 2009)

FILE 'MEDLINE' ENTERED AT 12:18:30 ON 04 MAY 2009

L1 2626 S (BAUMGARTEN, B.? OR BAUMGARTEN B.?)/AU OR (JONES, C.? OR JONE  
L2 44 S GPR4  
L3 0 S L1 AND L2  
L4 10 S L2 AND PROTON-SENSING  
L5 0 S GPR4 LIGAND?

=> d L4 1-10

L4 ANSWER 1 OF 10 MEDLINE on STN  
AN 2007567486 MEDLINE  
DN PubMed ID: 17720533  
TI Nociceptors of dorsal root ganglion express proton-sensing G-protein-coupled receptors.  
AU Huang Chia-Wei; Tzeng Jian-Ning; Chen Ying-Ju; Tsai Wei-Fen; Chen Chih-Cheng; Sun Wei-Hsin  
CS Department of Life Sciences, National Central University, JungLi, Taiwan.  
SO Molecular and cellular neurosciences, (2007 Oct) Vol. 36, No. 2, pp. 195-210. Electronic Publication: 2007-07-24. Journal code: 9100095. ISSN: 1044-7431.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE) (RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200801  
ED Entered STN: 25 Sep 2007  
Last Updated on STN: 10 Jan 2008  
Entered Medline: 9 Jan 2008

L4 ANSWER 2 OF 10 MEDLINE on STN  
AN 2007370426 MEDLINE  
DN PubMed ID: 17462861  
TI Previously postulated "ligand-independent" signaling of GPR4 is mediated through proton-sensing mechanisms.  
AU Tobo Masayuki; Tomura Hideaki; Mogi Chihiro; Wang Ju-Qiang; Liu Jin-Peng; Komachi Mayumi; Damirin Alatangaole; Kimura Takao; Murata Naoya; Kurose Hitoshi; Sato Koichi; Okajima Fumikazu  
CS Laboratory of Signal Transduction, Institute for Molecular and Cellular Regulation, Gunma University, 3-39-15 Showa-machi, Maebashi 371-8512, Japan.  
SO Cellular signalling, (2007 Aug) Vol. 19, No. 8, pp. 1745-53. Electronic Publication: 2007-03-30. Journal code: 8904683. ISSN: 0898-6568.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE) (RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English  
 FS Priority Journals  
 EM 200709  
 ED Entered STN: 26 Jun 2007  
 Last Updated on STN: 13 Sep 2007  
 Entered Medline: 12 Sep 2007

L4 ANSWER 3 OF 10 MEDLINE on STN  
 AN 2006682551 MEDLINE  
 DN PubMed ID: 17118800  
 TI Receptors for protons or lipid messengers or both?.  
 AU Seuwen Klaus; Ludwig Marie-Gabrielle; Wolf Romain M  
 CS Novartis Institutes for Biomedical Research, Basel, Switzerland..  
 klaus.seuwen@novartis.com  
 SO Journal of receptor and signal transduction research, (2006) Vol.  
 26, No.  
 5-6, pp. 599-610. Ref: 35  
 Journal code: 9509432. ISSN: 1079-9893.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 LA English  
 FS Priority Journals  
 EM 200703  
 ED Entered STN: 25 Nov 2006  
 Last Updated on STN: 7 Mar 2007  
 Entered Medline: 6 Mar 2007

L4 ANSWER 4 OF 10 MEDLINE on STN  
 AN 2005616054 MEDLINE  
 DN PubMed ID: 16297340  
 TI Two ligands for a GPCR, proton vs lysolipid.  
 AU Im Dong-Soon  
 CS Laboratory of Pharmacology and Research Institute of Drug  
 Development,  
 College of Pharmacy, Pusan National University, Busan 609-735,  
 Republic of  
 Korea.. imds@pusan.ac.kr  
 SO Acta pharmacologica Sinica, (2005 Dec) Vol. 26, No. 12, pp. 1435-  
 41. Ref:  
 53  
 Journal code: 100956087. ISSN: 1671-4083.  
 CY China  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 General Review; (REVIEW)  
 LA English  
 FS Priority Journals  
 EM 200709  
 ED Entered STN: 22 Nov 2005  
 Last Updated on STN: 20 Dec 2005  
 Entered Medline: 4 Sep 2007

L4 ANSWER 5 OF 10 MEDLINE on STN  
 AN 2005538736 MEDLINE  
 DN PubMed ID: 16087674

TI Prostaglandin I(2) production and cAMP accumulation in response to  
 acidic  
 extracellular pH through OGR1 in human aortic smooth muscle cells.  
 AU Tomura Hideaki; Wang Ju-Qiang; Komachi Mayumi; Damirin Alatangaole;  
 Mogi  
 Chihiro; Tobo Masayuki; Kon Junko; Misawa Norihiko; Sato Koichi;  
 Okajima  
 Fumikazu  
 CS Laboratory of Signal Transduction, Institute for Molecular and  
 Cellular  
 Regulation, Gunma University, Maebashi 371-8512, Japan..  
 tomurah@showa.gunma-u.ac.jp  
 SO The Journal of biological chemistry, (2005 Oct 14) Vol. 280, No.  
 41, pp.  
 34458-64. Electronic Publication: 2005-08-08.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200512  
 ED Entered STN: 12 Oct 2005  
 Last Updated on STN: 18 Dec 2005  
 Entered Medline: 13 Dec 2005  
  
 L4 ANSWER 6 OF 10 MEDLINE on STN  
 AN 2005483260 MEDLINE  
 DN PubMed ID: 16014326  
 TI Proton-sensing and lysolipid-sensitive  
 G-protein-coupled receptors: a novel type of multi-functional  
 receptors.  
 AU Tomura Hideaki; Mogi Chihiro; Sato Koichi; Okajima Fumikazu  
 CS Laboratory of Signal Transduction, Institute for Molecular and  
 Cellular  
 Regulation, Gunma University, 3-39-15 Showa-machi, Maebashi 371-  
 8512,  
 Japan.  
 SO Cellular signalling, (2005 Dec) Vol. 17, No. 12, pp. 1466-76. Ref:  
 87  
 Journal code: 8904683. ISSN: 0898-6568.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 General Review; (REVIEW)  
 LA English  
 FS Priority Journals  
 EM 200610  
 ED Entered STN: 13 Sep 2005  
 Last Updated on STN: 15 Dec 2005  
 Entered Medline: 4 Oct 2006  
  
 L4 ANSWER 7 OF 10 MEDLINE on STN  
 AN 2005118884 MEDLINE  
 DN PubMed ID: 15618224  
 TI Identification of T cell death-associated gene 8 (TDAG8) as a novel  
 acid

sensing G-protein-coupled receptor.

AU Ishii Satoshi; Kihara Yasuyuki; Shimizu Takao  
 CS Department of Biochemistry and Molecular Biology, Faculty of  
 Medicine, the  
 University of Tokyo, Hongo, Bunkyo-ku, Tokyo 113-0033, Japan..  
 mame@m.u-tokyo.ac.jp

SO The Journal of biological chemistry, (2005 Mar 11) Vol. 280, No.  
 10, pp.  
 9083-7. Electronic Publication: 2004-12-23.  
 Journal code: 2985121R. ISSN: 0021-9258.

CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200504  
 ED Entered STN: 8 Mar 2005  
 Last Updated on STN: 20 Apr 2005  
 Entered Medline: 19 Apr 2005

L4 ANSWER 8 OF 10 MEDLINE on STN  
 AN 2004531048 MEDLINE  
 DN PubMed ID: 15326175  
 TI TDAG8 is a proton-sensing and psychosine-sensitive  
 G-protein-coupled receptor.

AU Wang Ju-Qiang; Kon Junko; Mogi Chihiro; Tobo Masayuki; Damirin  
 Alatangaale; Sato Koichi; Komachi Mayumi; Malchinkhuu Enkhzol;  
 Murata  
 Naoya; Kimura Takao; Kuwabara Atsushi; Wakamatsu Kaori; Koizumi  
 Hideki;  
 Uede Toshimitsu; Tsujimoto Gozoh; Kurose Hitoshi; Sato Takashi;  
 Harada  
 Akihiro; Misawa Norihiko; Tomura Hideaki; Okajima Fumikazu

CS Laboratory of Signal Transduction and Department of Cell Biology,  
 Institute for Molecular and Cellular Regulation, Gunma University,  
 Maebashi 371-8512, Japan.

SO The Journal of biological chemistry, (2004 Oct 29) Vol. 279, No.  
 44, pp.  
 45626-33. Electronic Publication: 2004-08-23.  
 Journal code: 2985121R. ISSN: 0021-9258.

CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200411  
 ED Entered STN: 26 Oct 2004  
 Last Updated on STN: 19 Dec 2004  
 Entered Medline: 30 Nov 2004

L4 ANSWER 9 OF 10 MEDLINE on STN  
 AN 2004519706 MEDLINE  
 DN PubMed ID: 15280385  
 TI G2A is a proton-sensing G-protein-coupled receptor  
 antagonized by lysophosphatidylcholine.

AU Murakami Naoka; Yokomizo Takehiko; Okuno Toshiaki; Shimizu Takao

CS Department of Biochemistry, Faculty of Medicine, The University of  
 Tokyo,  
 Hongo 7-3-1, Bunkyo-ku, Tokyo 113-0033, Japan.  
 SO The Journal of biological chemistry, (2004 Oct 8) Vol. 279, No. 41,  
 pp.  
 42484-91. Electronic Publication: 2004-07-27.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200411  
 ED Entered STN: 20 Oct 2004  
 Last Updated on STN: 19 Dec 2004  
 Entered Medline: 24 Nov 2004  
  
 L4 ANSWER 10 OF 10 MEDLINE on STN  
 AN 2003415851 MEDLINE  
 DN PubMed ID: 12955148  
 TI Proton-sensing G-protein-coupled receptors.  
 AU Ludwig Marie-Gabrielle; Vanek Miroslava; Guerini Danilo; Gasser  
 Jurg A;  
 Jones Carol E; Junker Uwe; Hofstetter Hans; Wolf Romain M; Seuwen  
 Klaus  
 CS Novartis Institutes for Biomedical Research, CH-4002 Basel,  
 Switzerland.  
 SO Nature, (2003 Sep 4) Vol. 425, No. 6953, pp. 93-8.  
 Journal code: 0410462. E-ISSN: 1476-4687.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200309  
 ED Entered STN: 5 Sep 2003  
 Last Updated on STN: 26 Sep 2003  
 Entered Medline: 25 Sep 2003